Docket No.: CIR07007

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Timothy Darland et al.

Confirmation No.: 2377

Serial No.: 09/096,936

Art Unit: 2664

Filed: June 12, 1998

Examiner: W. Luther

Title: Intelligent Services Network using a Switch Controller

SUBMISSION OF FORMAL DRAWINGS

Mail Stop ISSUE FEE
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Transmitted herewith are 15 formal drawings sheets (Figures 1 - 15) to replace the corresponding informal drawings on file in the above-identified application. No structural changes have been made to the drawings which would require annotated drawing sheets.

Unless notified to the contrary in a subsequent action, Applicants believe that the attached drawings will be entered. MPEP 608.02(x)

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees or publication fees, to Deposit Account No. 13-2491 and please credit any excess fees to such deposit account.

Respectfully submitted,

Date: 2/18/05

David O'Neill #42,953 for

Eden U.I. Stright
Registration No. 51,205

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1133 19th Street, NW
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REPLACEMENT SHEET

Docket No.: CDR97037
Appln No.: 09/096,936
Title: Intelligent Services Network Using a Switch Controller
Inventors: Darland et al.
Confirmation No.: 2377
Sheets of Drawings: 1 of 15

1/15

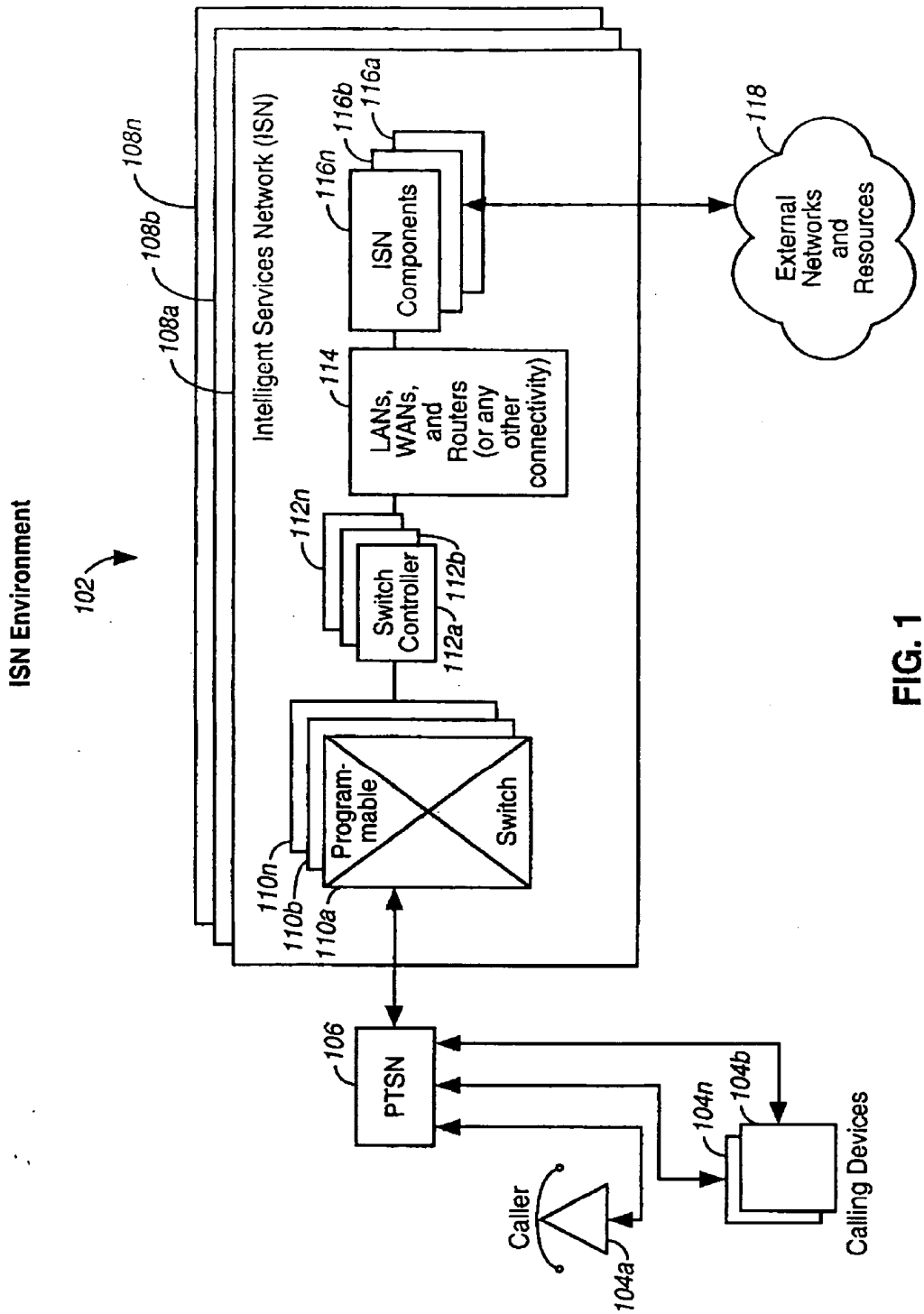

FIG. 1

Docket No.: CDR97697
Appln No.: 09/096,936
Title: Intelligent Services Network Using a Switch Controller
Inventors: Darland et al.
Confirmation No.: 2377
Sheets of Drawings: 2 of 15

Multipurpose Intelligent Service Network

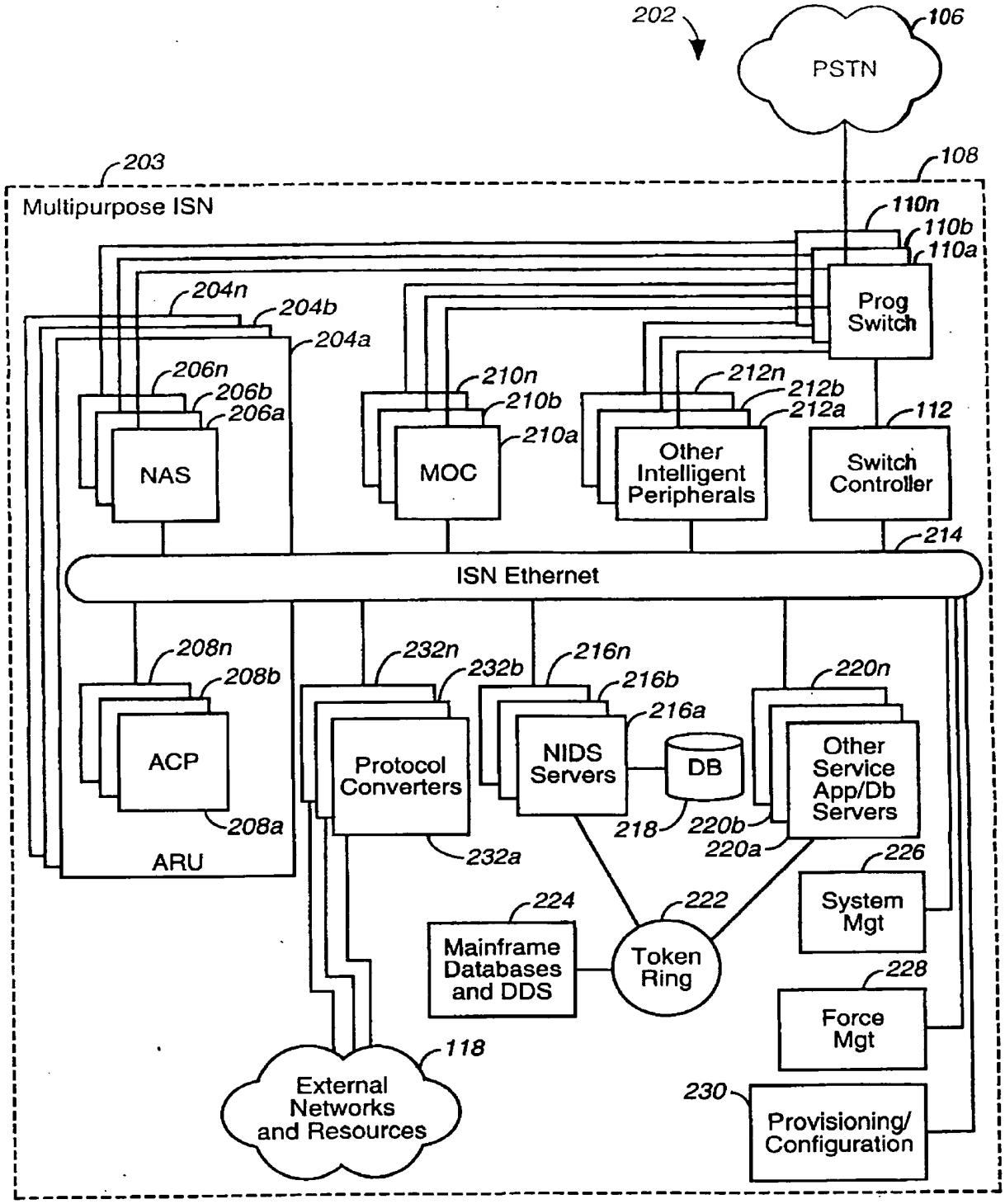

FIG. 2

REPLACEMENT SHEET

Docket No.: CDR97007
Appln No.: 09/096,936
Title: Intelligent Services Network Using a Switch Controller
Inventors: Darland et al.
Confirmation No.: 2377
Sheets of Drawings: 3 of 15

ISN FUNCTIONALITY

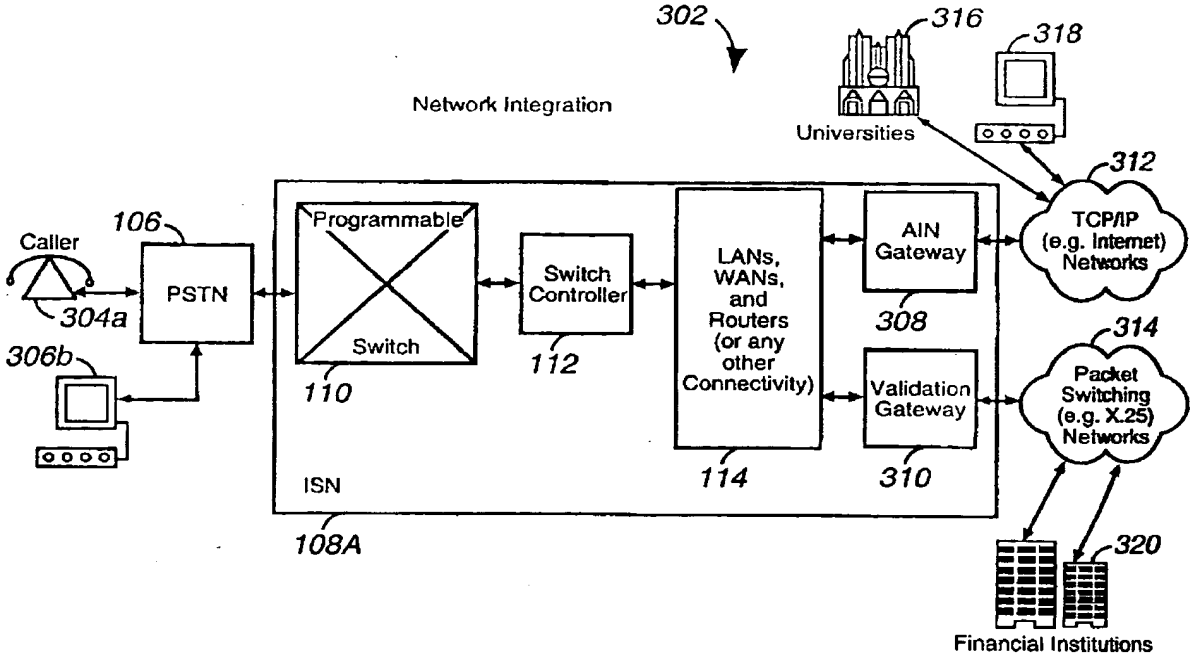

FIG. 3A

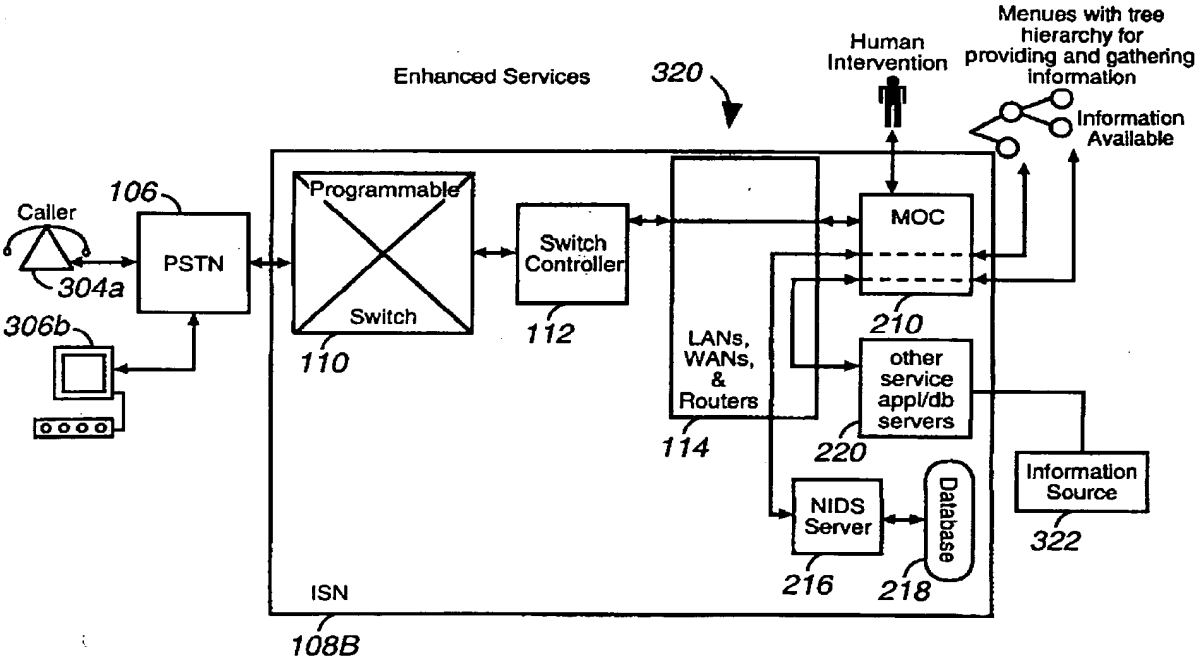

FIG. 3B

Docket No.: CDR97007
Appln No.: 09/096,936
Title: Intelligent Services Network Using a Switch Controller
Inventors: Darland et al.
Confirmation No.: 2377
Sheets of Drawings: 4 of 15

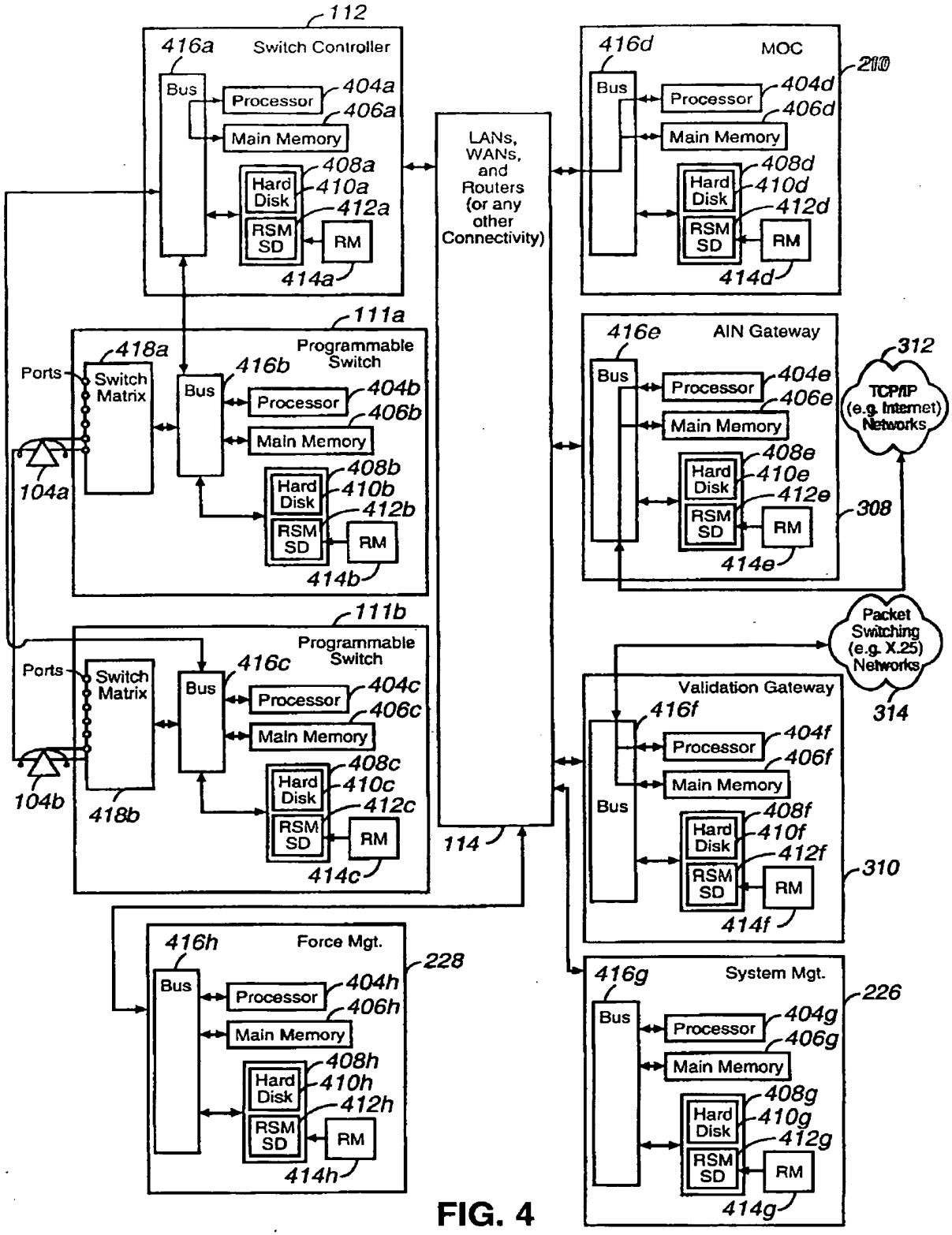

FIG. 4

Docket No.: CIDR97007
Appln No.: 09/096,936
Title: Intelligent Services Network Using a Switch Controller
Inventors: Darland et al.
Confirmation No.: 2377
Sheets of Drawings: 5 of 15

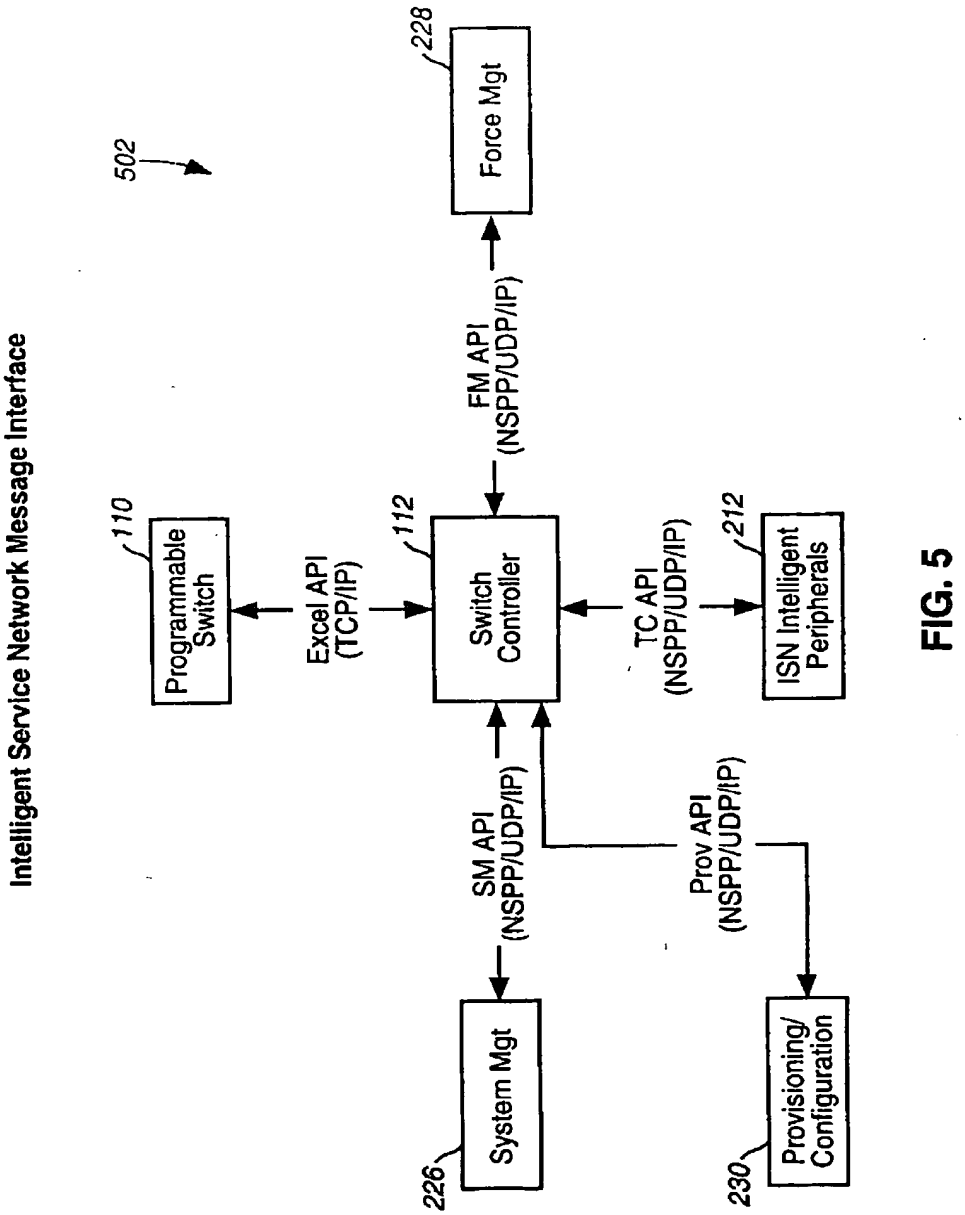

FIG. 5

Docket No.: CDR97097
Appln No.: 09/096,936
Title: Intelligent Services Network Using a Switch Controller
Inventors: Darland et al.
Confirmation No.: 2377
Sheets of Drawings: 6 of 15

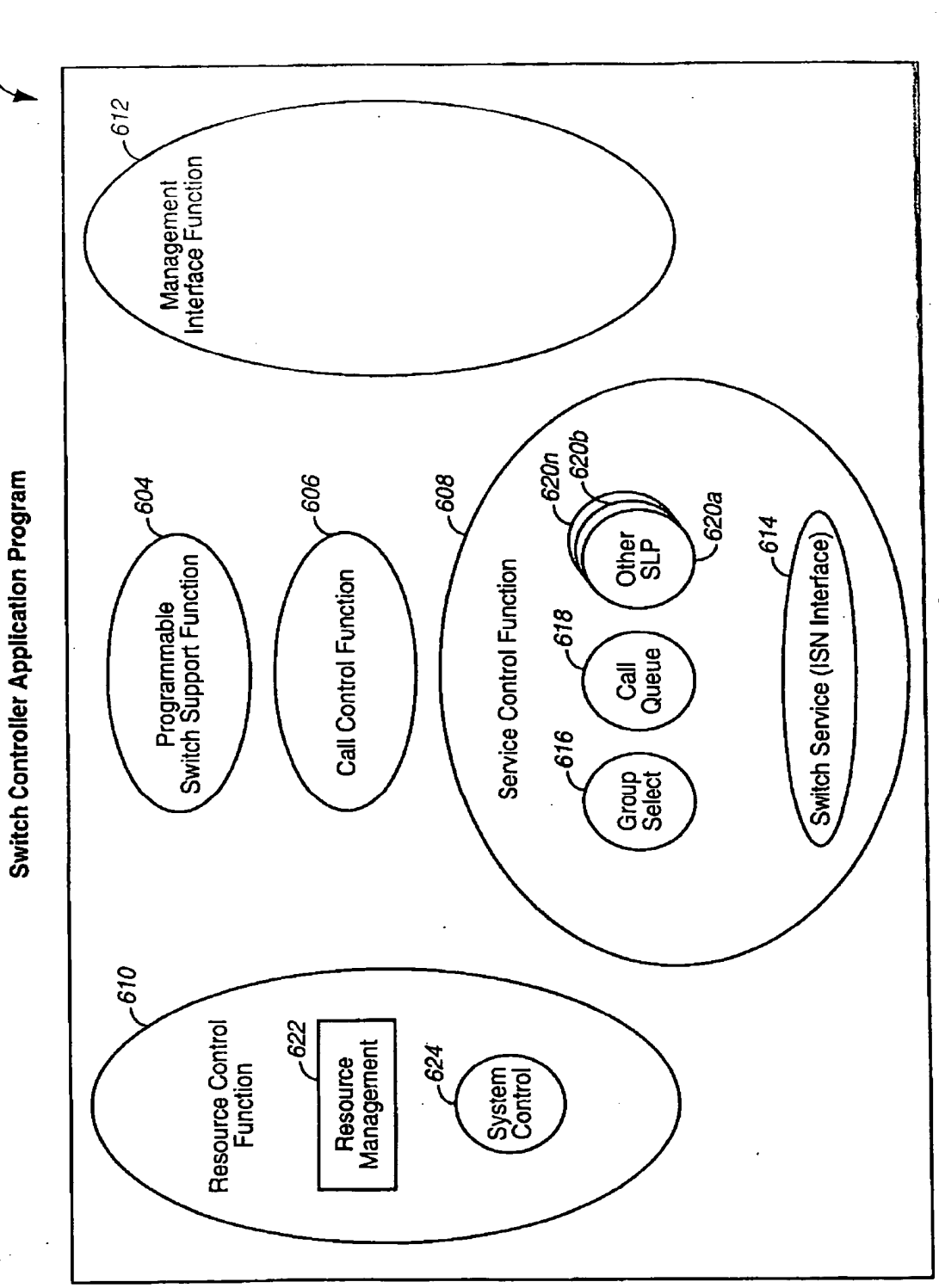

FIG. 6

REPLACEMENT SHEET
Docket No.: CDR97007
Appln No.: 09/096,936
Title: Intelligent Services Network Using a Switch Controller
Inventors: Darland et al.
Confirmation No.: 2377
Sheets of Drawings: 7 of 15

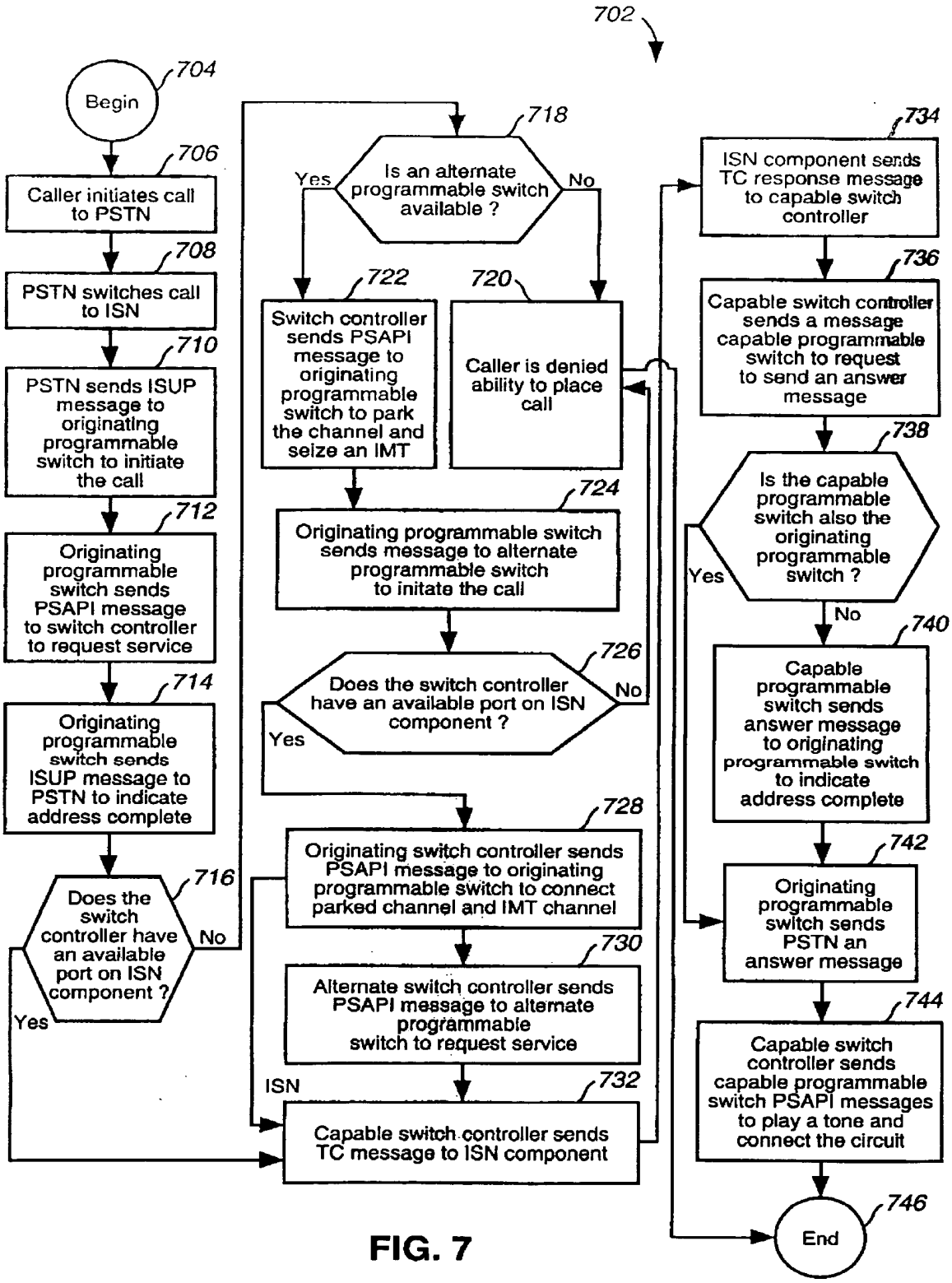

FIG. 7

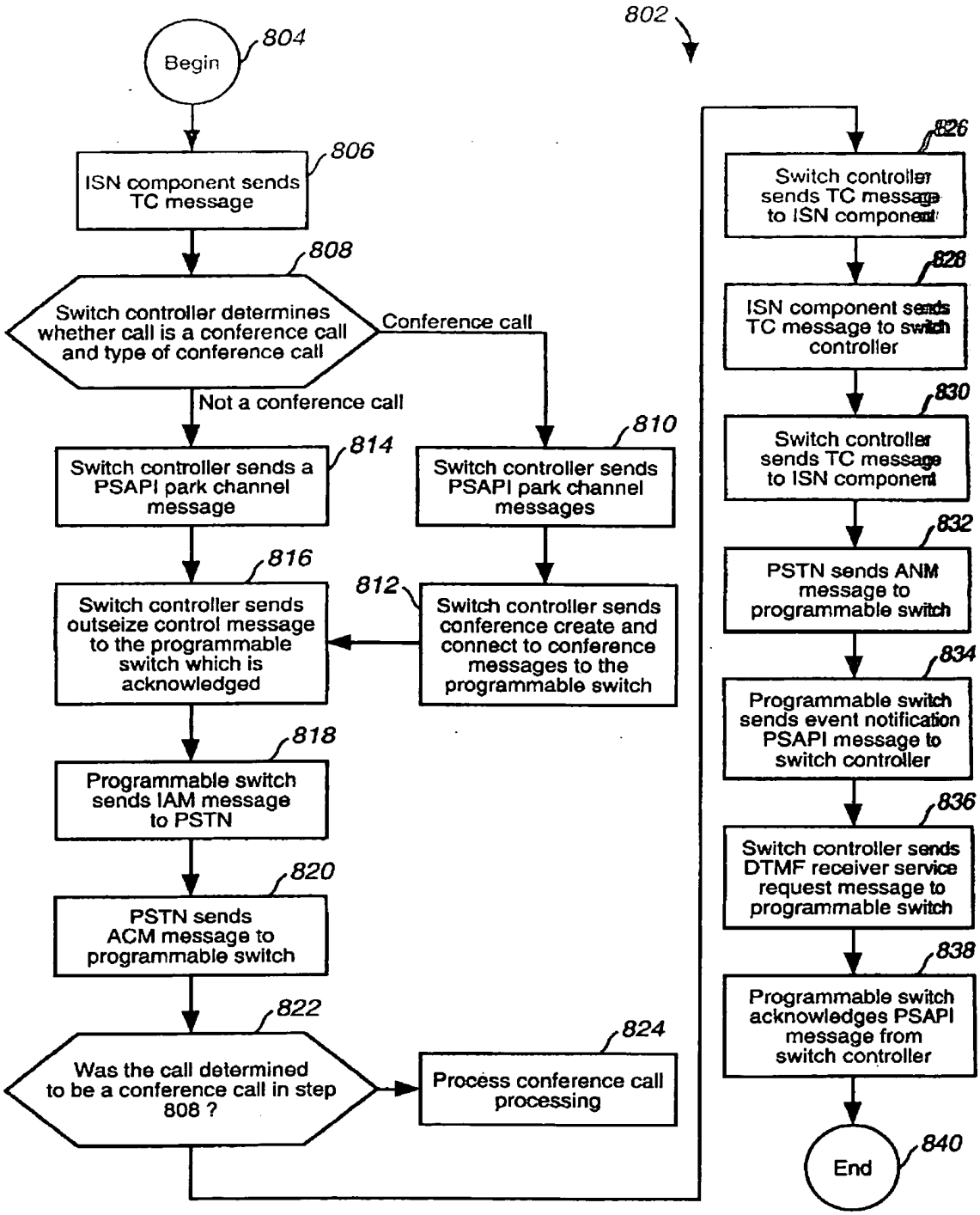
802
Begin
804
ISN component sends TC message
806
Switch controller determines whether call is a conference call and type of conference call
808
Conference call
Not a conference call
Switch controller sends a PSAPI park channel message
814
Switch controller sends PSAPI park channel messages
810
Switch controller sends outseize control message to the programmable switch which is acknowledged
816
Switch controller sends conference create and connect to conference messages to the programmable switch
812
Programmable switch sends IAM message to PSTN
818
PSTN sends ACM message to programmable switch
820
Was the call determined to be a conference call in step 808 ?
822
Process conference call processing
824
Switch controller sends TC message to ISN component
826
ISN component sends TC message to switch controller
828
Switch controller sends TC message to ISN component
830
PSTN sends ANM message to programmable switch
832
Programmable switch sends event notification PSAPI message to switch controller
834
Switch controller sends DTMF receiver service request message to programmable switch
836
Programmable switch acknowledges PSAPI message from switch controller
838
End
840

FIG. 8

Docket No.: CDR97007
Appln No.: 09/096,936
Title: Intelligent Services Network Using a Switch Controller
Inventors: Darland et al.
Confirmation No.: 2377
Sheets of Drawings: 9 of 15

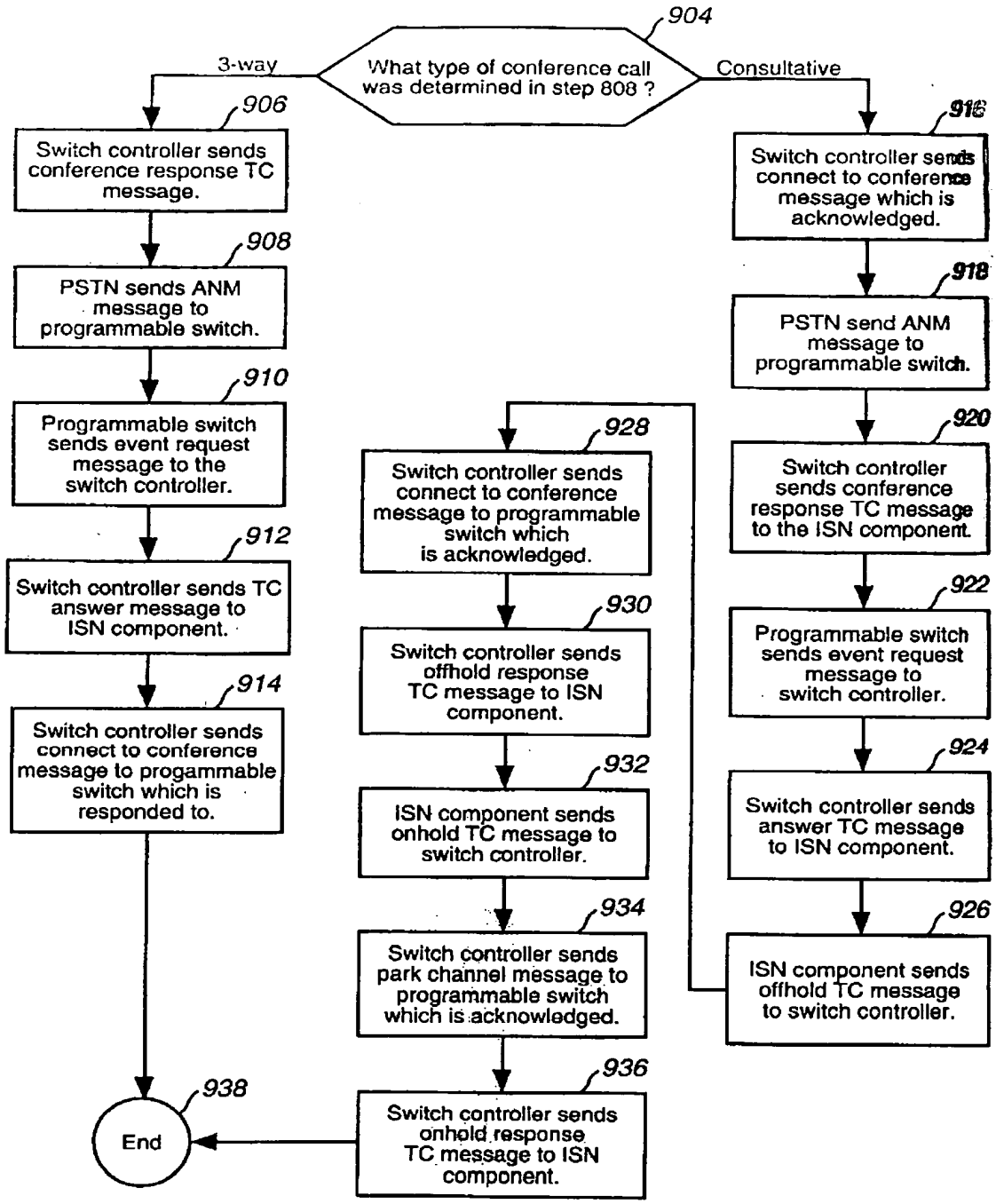

FIG. 9

REPLACEMENT SHEET

Docket No.: CDR97007
Appln No.: 09/096,936
Title: Intelligent Services Network Using a Switch Controller
Inventors: Darland et al.
Confirmation No.: 2377
Sheets of Drawings: 10 of 15

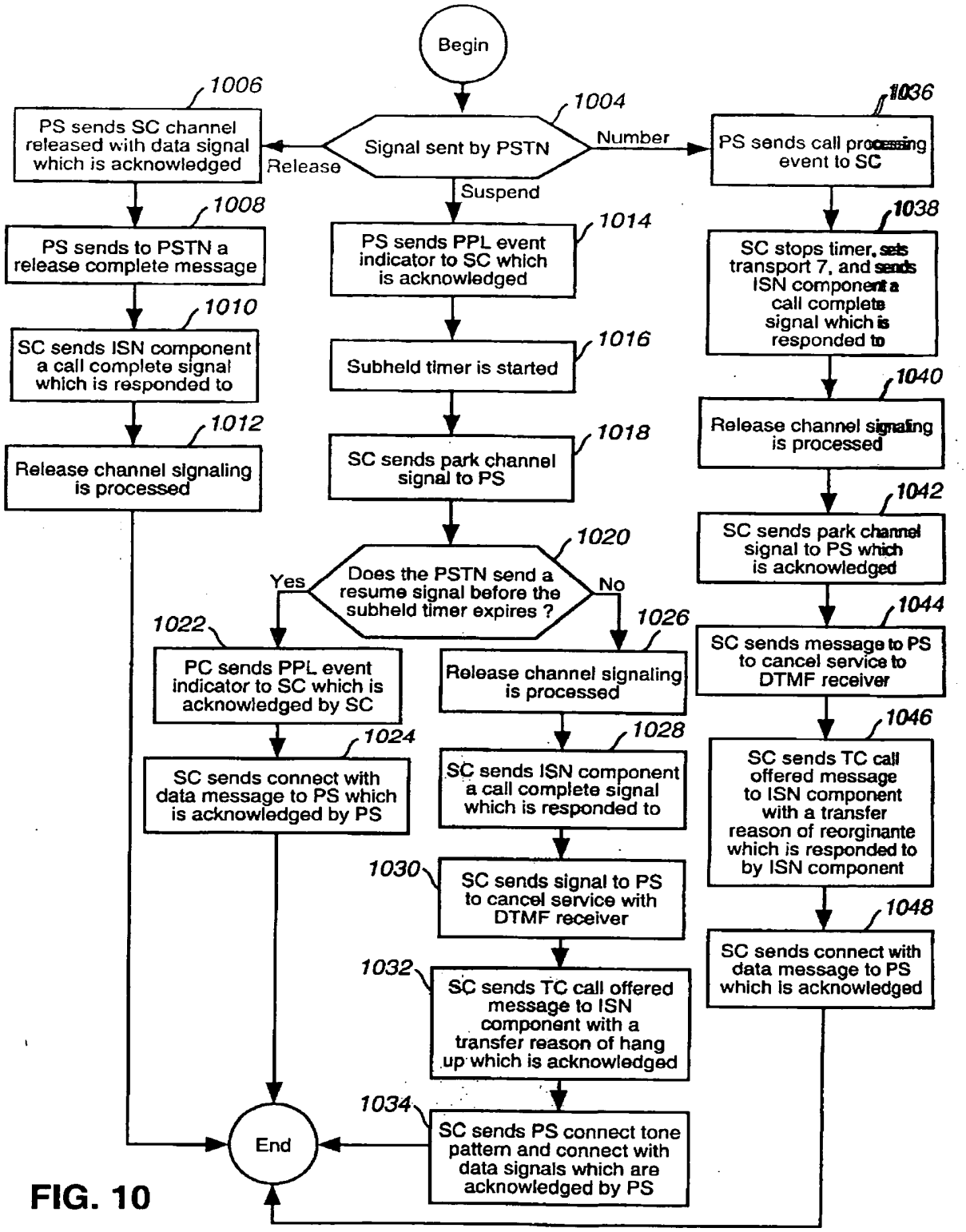

FIG. 10

Docket No.: CDR97007
Appln No.: 09/096,936
Title: Intelligent Services Network Using a Switch Controller
Inventors: Darland et al.
Confirmation No.: 2377
Sheets of Drawings: 11 of 15

Release Channel Signaling Flow

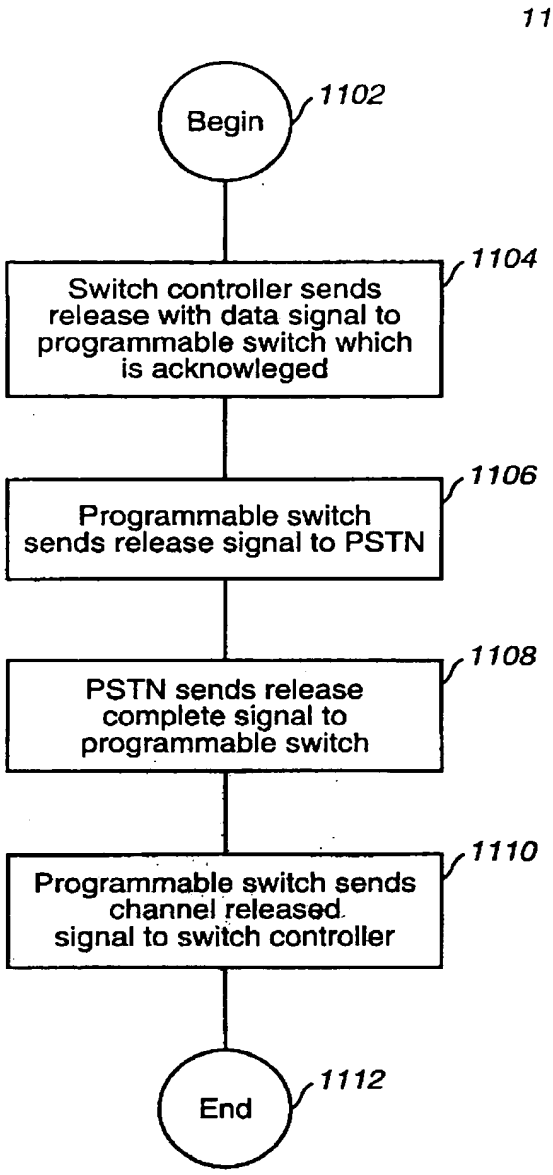

FIG. 11

Docket No.: CDR97567
Appln No.: 09/096,936
Title: Intelligent Services Network Using a Switch Controller
Inventors: Dariand et al.
Confirmation No.: 2377
Sheets of Drawings: 12 of 15

BEST AVAILABLE COPY

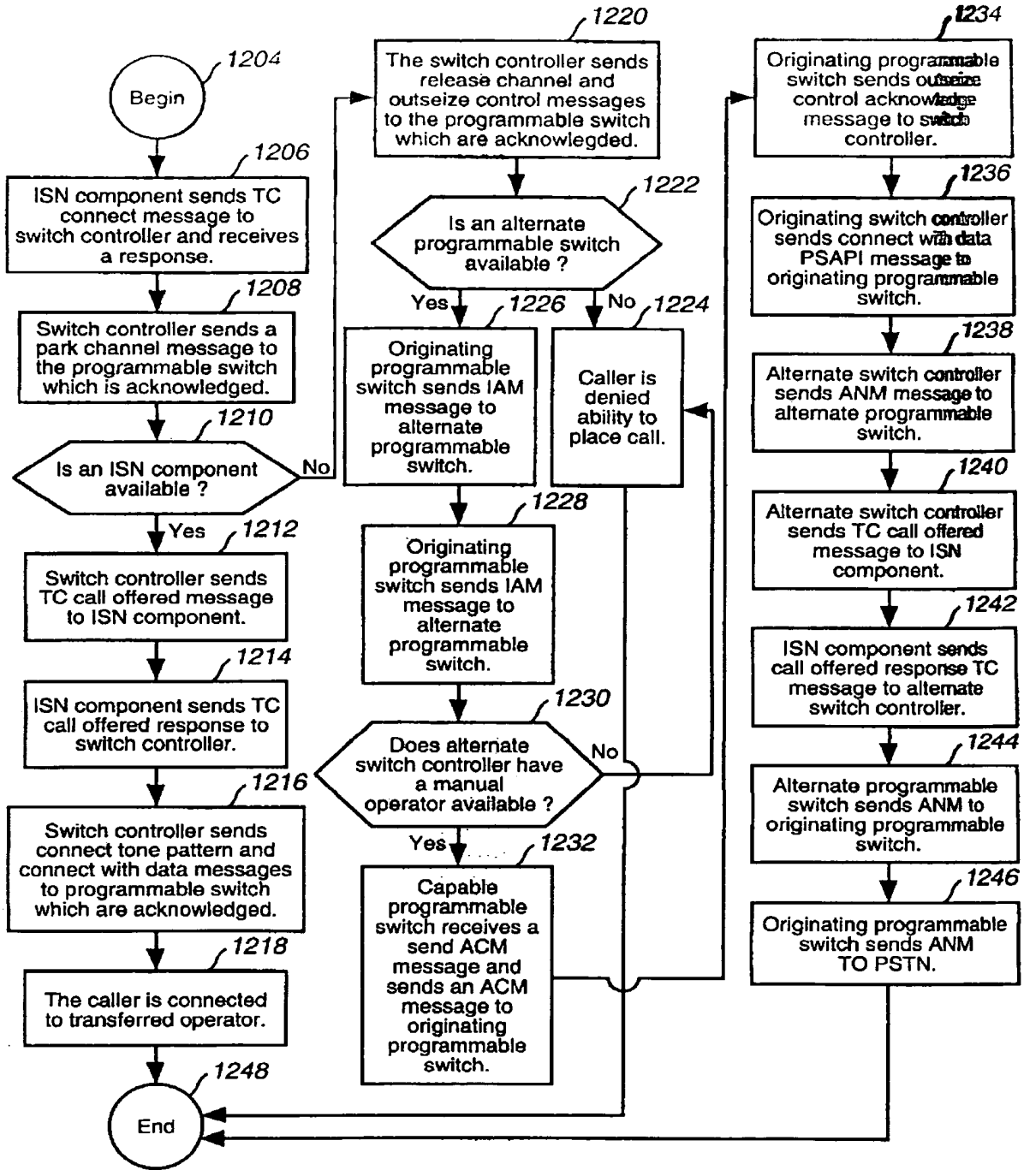

FIG. 12

REPLACEMENT SHEET

Docket No.: CDR97007
Appln No.: 09/096,936
Title: Intelligent Services Network Using a Switch Controller
Inventors: Darland et al.
Confirmation No.: 2377
Sheets of Drawings: 13 of 15

ISN with Multiple Programmable Switches and a Token Ring LAN

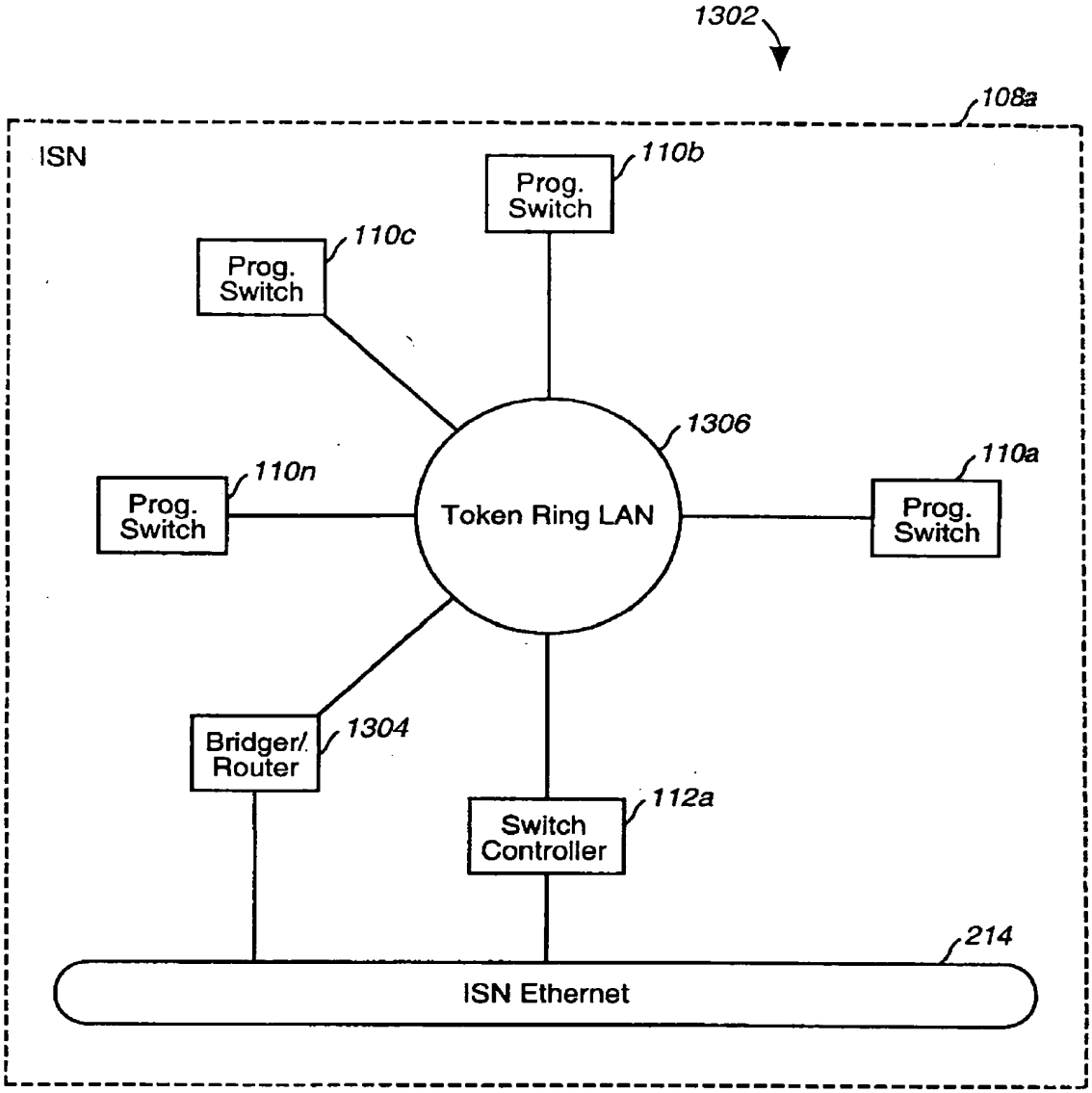

FIG. 13

Docket No.: CDR97007
Appln No.: 09/096,936
Title: Intelligent Services Network Using a Switch Controller
Inventors: Darland et al.
Confirmation No.: 2377
Sheets of Drawings: 14 of 15

ISN with Multiple Programmable Switches

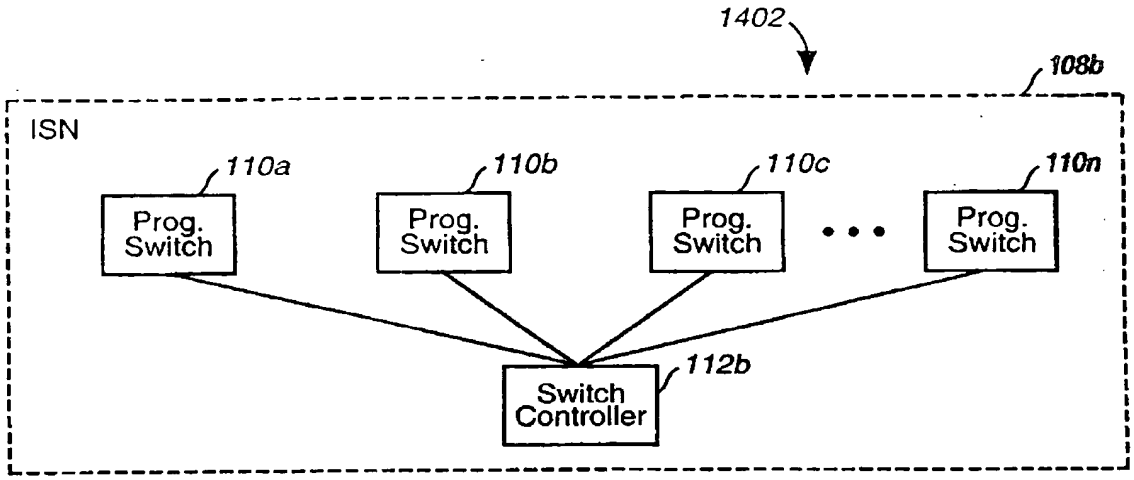

FIG. 14a

ISN with Bridging Programmable Switch

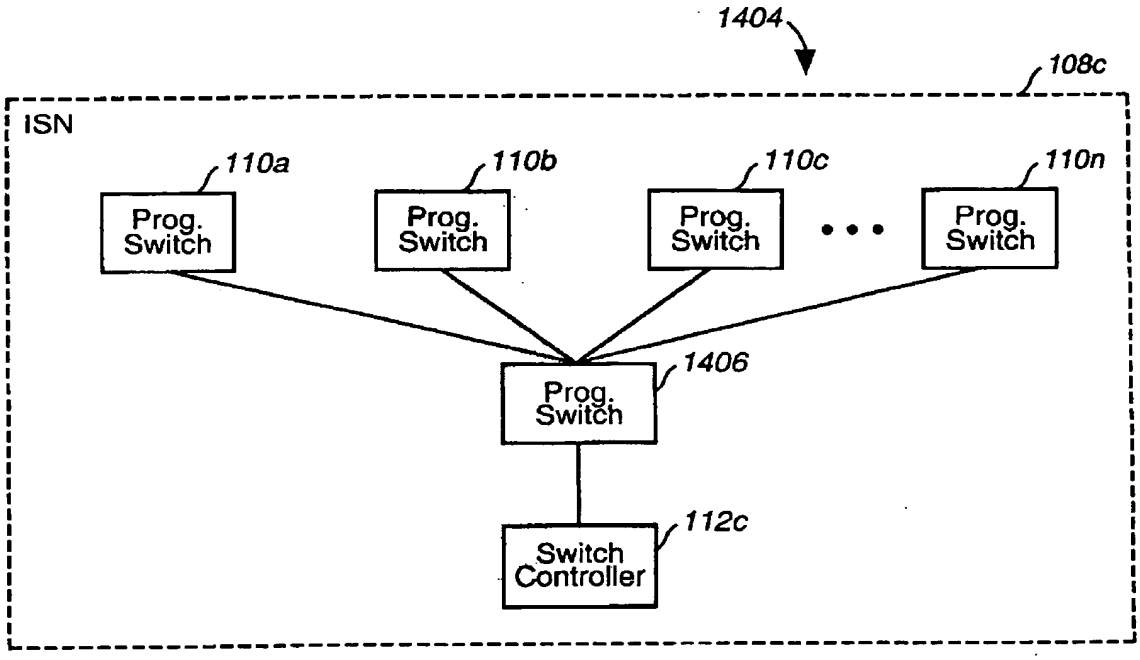

FIG. 14b

REPLACEMENT SHEET
Docket No.: CDR97007
Appln No.: 09/096,936
Title: Intelligent Services Network Using a Switch Controller
Inventors: Darland et al.
Confirmation No.: 2377
Sheets of Drawings: 15 of 15

15/15

Interconnect of Multiple ISN's

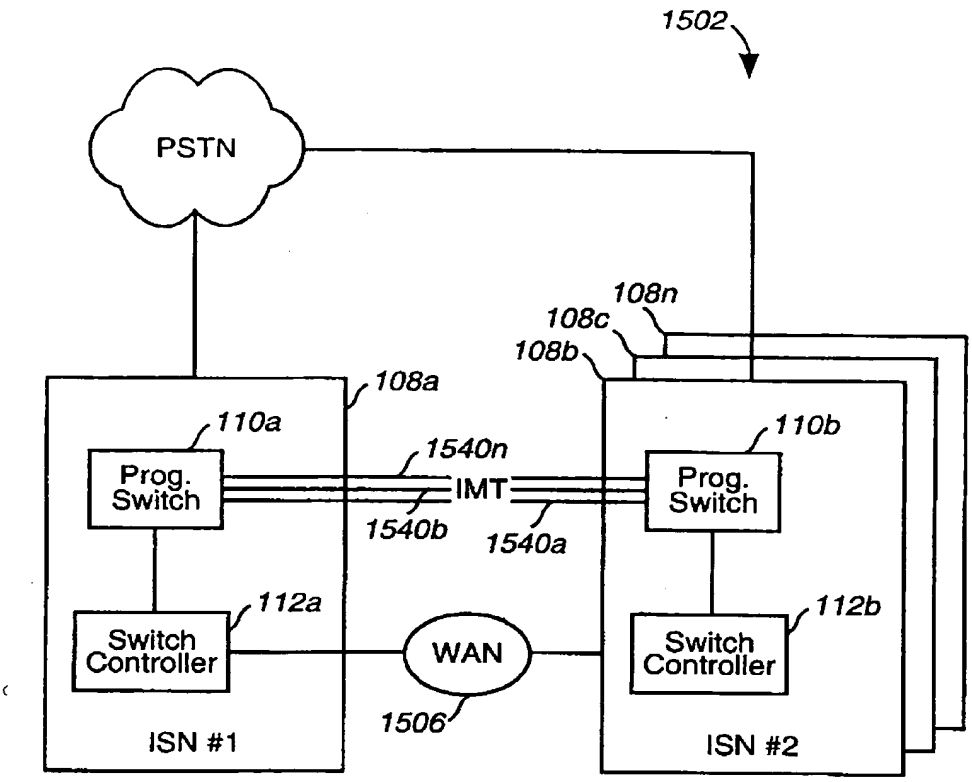

FIG. 15